

**Detailed Claim Listing**

The following is a detailed listing of all claims that are, or were, pending in the present application. Please amend claims 1, 5, and 6 and cancel claim 4, as set forth in this detailed listing.

1. (Currently Amended) A system for managing energy consumption by equipment at a site, the system comprising:

a first database including a plurality of characteristics relating to a piece of energy consuming equipment located at the site;

a second database including a plurality of service technicians; and

a server including software for determining an expected energy consumption profile, based on the plurality of characteristics relating to the equipment and the site environment;

wherein the server generates an alert, if an actual energy consumption exceeds the expected energy consumption, and

further wherein the server includes total cost software for calculating a total cost of a selected piece of equipment, based on a purchase cost, a repair cost, and an energy consumption cost.

2. (Original) The system of claim 1 wherein the server further compares the actual energy consumption to refrigerant loss data.

3. (Original) The system of claim 1 wherein the server generates a work order including the plurality of characteristics relating to the piece of energy consuming equipment.

4. (Cancelled)

5. (Currently Amended) A network-based system for managing energy consumption by equipment at a site, the system comprising:

a first database including a plurality of characteristics relating to a piece of energy consuming equipment located at the site;

a second database including a plurality of service technicians; and  
a server including software for determining an expected energy consumption profile,  
based on the plurality of characteristics relating to the equipment and the site  
environment;  
wherein the server generates a service request, if an actual energy consumption exceeds  
the expected energy consumption, and  
further wherein the server includes total cost software for calculating a total cost of a  
selected piece of equipment, based on a purchase cost, a repair cost, and an  
energy consumption cost.

6. (Currently Amended) A method of managing energy consumption by equipment  
located at a site, the method comprising:  
collecting a set of information relating to a plurality of pieces of energy consuming  
equipment located at the site  
calculating an expected energy usage profile for the site, based on the information;  
collecting actual energy consumption data on a periodic basis;  
comparing the actual energy consumption data to the expected energy usage profile; ~~and~~  
triggering an alarm when the actual energy consumption data exceeds the energy usage  
profile; and  
calculating a total cost of a selected piece of equipment, based on a purchase cost, a  
repair cost, and an energy consumption cost.